

REMARKS

The title, specification, and drawings have been amended. Support for the title correction is found at page 1, line 7. Figure 1 and reference to Figure 1 in the specification is corrected to correspond to the labeling of the two sheets of Figure 1 as Figure 1A and 1B. Website identifiers are removed. No new matter has been added. Applicants believe that no fee is required for the filing of this preliminary amendment. Should the commissioner determine that a fee is due before this preliminary amendment is considered by the Examiner, including the extension of time, such extension is requested and the Commissioner is authorized to charge the fee to Deposit Account No. 03-2775.

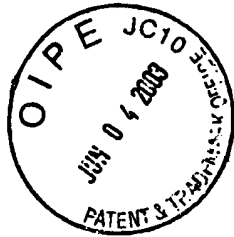
Respectfully submitted,

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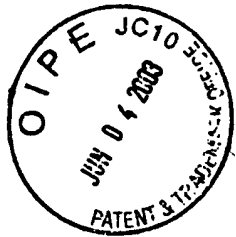


Comparison of the Corn, Soybean (2), and Arabidopsis Sterol Delta-14 Reductases

p0097.cqrau67ra_fis.PRO	-----
src3c.pk009.c1_fis.PRO	M-----MESHVDLGFLIQALTPSWNSVPLLVG-----
ssm.pk0031.d12_fis.PRO	M-----MESHVDLGFLIQALTPSWNSVPLLVG-----
8917585_(Arabidopsis).PRO	M-----DLGVLLPSL-----QSVVVLVF-----
p0097.cqrau67ra_fis.PRO	-----PRVR-----KNKVELSLLSGLANLC-----
src3c.pk009.c1_fis.PRO	-----FFTYLAVAGSILPGKLVPGVALLDGTRLHYCCNGLLSLLLLVALLGIGA-----
ssm.pk0031.d12_fis.PRO	-----FFTYLAVAGSILPGKLVPGVALLDGTRLHYCCNGLLSLLLLVALLGIGA-----
8917585_(Arabidopsis).PRO	-----YFVYLAVAGEILPGKVIRGVLLSDGSQRLRYRCNGLLAILLVAILGICA-----
p0097.cqrau67ra_fis.PRO	-----
src3c.pk009.c1_fis.PRO	KMGFVSPT-----AISDRGLELLSTTFAPSFVLVTILHFSGCKSQSKGSS--LKPH-LSG
ssm.pk0031.d12_fis.PRO	KMGFVSPT-----AISDRGLELLSTTFAPSFVLVTILHFSGCKSQSKGSS--LKPH-LSG
8917585_(Arabidopsis).PRO	KLGI VSP L-----VVADRGLELLSATFICVLVTALYVTGRSSSNKGSS--LKPH-VSG
p0097.cqrau67ra_fis.PRO	-----
src3c.pk009.c1_fis.PRO	NLIHDDWWFGIQLNPQFMG-IDLKFFF-VRAGMMGWLLINLSILMKSIQ-DGTLSQSMILY
ssm.pk0031.d12_fis.PRO	NLIHDDWWFGIQLNPQFMG-IDLK-----AGMMGWLLINLSILMKSIQ-DGTLSQSMILY
8917585_(Arabidopsis).PRO	NLVHDDWWFGIQLNPQFMS-IDLKFFF-VRAGMMGWLLINLSILAKSVQ-DGSLSQSMILY
p0097.cqrau67ra_fis.PRO	-----
src3c.pk009.c1_fis.PRO	QLFCALYILDYFVHEEYMTSTWDIIAERLGFMLVFGDLVWIPFSFIQGWLLMNSVELT
ssm.pk0031.d12_fis.PRO	QLFCALYILDYFVHEEYMTSTWDIIAERLGFMLVFGDLVWIPFSFIQGWLLMNSVELT
8917585_(Arabidopsis).PRO	QIFCALYILDYFVHEEYMTSTWDIIAERLGFMLVFGDLLWIPFTFSIQGWLLHNKVELT
p0097.cqrau67ra_fis.PRO	-----IFLIGYLVFRGANKQKHVFKKDPKAPIWGKPPKV-----GGKLLASGYWGIA
src3c.pk009.c1_fis.PRO	PAAIVANCVFVLIGYVFRGANKQKHVFKKDPKAPIWGKPPKVI-----GGKLLASGYWGIA
ssm.pk0031.d12_fis.PRO	PAAIVANCVFVLIGYVFRGANKQKHVFKKDPKAPIWGKPPKVI-----GGKLLASGYWGIA
8917585_(Arabidopsis).PRO	VPAIVVNCVFLIGYVFRGANKQKHIFKKNPKTPIWGKPPVV-----GGKLLVSGYWGIA

FIG. 1A

Application No.: 10/069,427
7560*49 (BB1395USPCT)
Preliminary Amendment
Replacement Sheet



p0097.cqrau67ra_fis.PRO	RHCNYLGDLALLALSFSLPCGVSSVVPYFYPTYLLILLVLRRRDEARCSQKYREIWAEYC
src3c.pk009.cl_fis.PRO	RHCNYLGDLMLALSFSLPCGISSPPIFYFYPIYLLILLIWRRRDEARCAEKYREIWAEYR
ssm.pk0031.d12_fis.PRO	RHCNYLGDLMLALSFSLPCGISSPPIFYFYPIYLLILLIWRRTDEARCAEKYREIWAEYR
8917585_(Arabidopsis).PRO	RHCNYLGDLMLALSFSLPCGISSPPIFYFYPIYLLILLIWRRRDEVRCAEKYKEIWAEYL
p0097.cqrau67ra_fis.PRO	KLVPWRILPYVY
src3c.pk009.cl_fis.PRO	KLVPWRILPYVY
ssm.pk0031.d12_fis.PRO	KLVPWRILPYVY
8917585_(Arabidopsis).PRO	KLVPWRILPYVY

FIG. 1B